

Table G1.1 Results of Breeding Bird Surveys

Common Name	Scientific Name	SRANK ¹	COSEWIC ²	COSSARO ³	Locally Significant ⁴	Area Sensitive ⁵	Breeding Status	Number (all watersheds)	Black River	East Holland	Maskinonge River
Alder Flycatcher	<i>Empidonax alnorum</i>	S5B					Probable	2		2	
American Crow	<i>Corvus brachyrhynchos</i>	S5B					Confirmed	116		112	4
American Goldfinch	<i>Carduelis tristis</i>	S5B					Probable	262	3	241	18
American Redstart	<i>Setophaga ruticilla</i>	S5B				√	Probable	22		22	
American Robin	<i>Turdus migratorius</i>	S5B					Confirmed	186	2	163	21
American Woodcock	<i>Scolopax minor</i>	S4B					Possible	1		1	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	NAR	SC	√		Confirmed	1		1	
Baltimore Oriole	<i>Icterus galbula</i>	S4B					Confirmed	16	1	13	2
Bank Swallow	<i>Riparia riparia</i>	S4B					Probable	9		9	
Barn Swallow	<i>Hirundo rustica</i>	S4B	THR				Confirmed	123		105	18
Belted Kingfisher	<i>Ceryle alcyon</i>	S4B					Probable	7		7	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5					Confirmed	240	1	235	4
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	S3B,S3N			√		Probable	4		4	
Blue Jay	<i>Cyanocitta cristata</i>	S5					Confirmed	56		52	4
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	S4B			√	√	Probable	3		3	
Blue-winged Teal	<i>Anas discors</i>	S4					Possible	1		1	
Bobolink	<i>Dolichonyx oryzivorus</i>	S4B	THR	THR		√	Confirmed	20	2	9	9
Brown Creeper	<i>Certhia americana</i>	S5B				√	Possible	1		1	
Brown Thrasher	<i>Toxostoma rufum</i>	S4B					Possible	1		1	
Brown-headed Cowbird	<i>Molothrus ater</i>	S4B					Confirmed	54		48	6
Canada Goose	<i>Branta canadensis</i>	S5					Possible	46		46	
Canvasback	<i>Aythya valisineria</i>	S1B,S4N			√		Probable	57		57	
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B					Confirmed	102		89	13
Chimney Swift	<i>Chaetura pelagica</i>	S4B,S4N	THR	THR			Confirmed	7		5	2
Chipping Sparrow	<i>Spizella passerina</i>	S5B					Confirmed	64		54	10
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	S4B			√		Confirmed	28		28	
Common Grackle	<i>Quiscalus quiscula</i>	S5B					Confirmed	193		177	16
Common Yellowthroat	<i>Geothlyphis trichas</i>	S5B					Observed	55		53	2
Cooper's Hawk	<i>Accipiter cooperi</i>	S4	NAR	NAR		√	Observed	1		1	
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	S5B	NAR		√		Possible	3		3	
Downy Woodpecker	<i>Picoides pubescens</i>	S5					Confirmed	15		15	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S4B					Probable	35		32	3
Eastern Meadowlark	<i>Sturnella magna</i>	S4B	THR			√	Possible	5	1	2	2
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B					Possible	1		1	
Eastern Towhee	<i>Pipilio erythrophthalmus</i>	S4B			√		Probable	1		1	
Eastern Wood-Pewee	<i>Contopus virens</i>	S4B					Confirmed	17		17	
European Starling	<i>Sturnus vulgaris</i>	SE					Probable	407	3	345	59
Field Sparrow	<i>Spizella pusilla</i>	S4B					Confirmed	6		6	
Gray Catbird	<i>Dumetella carolinensis</i>	S4B					Confirmed	29		29	
Great Blue Heron	<i>Ardea herodias</i>	S4					Probable	138		135	3
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S4B					Possible	10		10	
Green Heron	<i>Butorides virescens</i>	S4B					Probable	1		1	

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Hairy Woodpecker	<i>Picoides villosus</i>	S5				√	Possible	8	1	7	
Horned Lark	<i>Eremophila alpestris</i>	S5					Probable	12		8	4
House Finch	<i>Carpodacus mexicanus</i>	SNA					Confirmed	16	1	14	1
House Sparrow	<i>Passer domesticus</i>	SNA					Probable	61	2	50	9
House Wren	<i>Troglodytes aedon</i>	S5B					Confirmed	16		16	
Indigo Bunting	<i>Passerina cyanea</i>	S4B					Possible	19		18	1
Killdeer	<i>Charadrius vociferus</i>	S5B,S5N					Probable	50		43	7
Least Flycatcher	<i>Empidonax minimus</i>	S4B				√	Possible	4		4	
Mallard	<i>Anas platyrhynchos</i>	S5					Confirmed	115		108	7
Marsh Wren	<i>Cistothorus palustris</i>	S4B			√		Probable	1		1	
Mourning Dove	<i>Zenaidura macroura</i>	S5					Probable	111	1	101	9
Mourning Warbler	<i>Oporornis philadelphia</i>	S4B					Probable	3		3	
Nashville Warbler	<i>Vermivora ruficapilla</i>	S5B					Possible	2		2	
Northern Cardinal	<i>Cardinalis cardinalis</i>	S5					Confirmed	47		41	6
Northern Flicker	<i>Colaptes auratus</i>	S4B					Probable	12		11	1
Northern Harrier	<i>Circus cyaneus</i>	S4B	NAR	NAR		√	Possible	8		7	1
Northern Mockingbird	<i>Mimus polyglottus</i>	S4					Probable	3		3	
N. Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	S4B					Possible	7		6	1
Osprey	<i>Pandion haliaetus</i>	S5B			√		Possible	2		2	
Ovenbird	<i>Seiurus aurocapillus</i>	S4B				√	Probable	19		19	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5				√	Probable	4		4	
Pine Warbler	<i>Dendroica pinus</i>	S5B				√	Confirmed	7		7	
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	S4			√		Possible	1		1	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5				√	Possible	7		7	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B					Probable	38		33	5
Red-tailed Hawk	<i>Buteo jamaicensis</i>	S5	NAR	NAR			Probable	6		6	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S4					Confirmed	489	6	448	35
Ring-billed Gull	<i>Larus delawarensis</i>	S5B,S4N					Observed	80		72	8
Rock Pigeon	<i>Columba livia</i>	SNA					Probable	164		149	15
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	S4B					Confirmed	7		7	
Sandhill Crane	<i>Grus canadensis tabida</i>	S5B	NAR		√	√	Probable	2		2	
Savannah Sparrow	<i>Passerculus sandwichensis</i>	S4B				√	Possible	52	2	38	12
Scarlet Tanager	<i>Piranga olivacea</i>	S4B				√	Possible	1		1	
Song Sparrow	<i>Melospiza melodia</i>	S5B					Probable	226		213	13
Spotted Sandpiper	<i>Actitis macularia</i>	S5					Possible	2		2	
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B					Probable	21		21	
Tree Swallow	<i>Tachycineta bicolor</i>	S4B					Confirmed	45	1	42	2
Turkey Vulture	<i>Cathartes aura</i>	S5B					Observed	2		2	
Veery	<i>Catharus fuscescens</i>	S4B				√	Probable	12		12	
Vesper Sparrow	<i>Poocetes gramineus</i>	S4B					Possible	5		4	1
Warbling Vireo	<i>Vireo gilvus</i>	S5B					Probable	26		25	1
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5				√	Probable	4		3	1

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Common Name	Scientific Name	SRANK ¹	COSEWIC ²	COSSARO ³	Locally Significant ⁴	Area Sensitive ⁵	Breeding Status	Number (all watersheds)	Black River	East Holland	Maskinonge River
Willow Flycatcher	<i>Empidonax traillii</i>	S5B					Probable	4		4	
Wood Duck	<i>Aix sponsa</i>	S5					Confirmed	13		13	
Wood Thrush	<i>Hylocichla mustelina</i>	S4B					Probable	5		5	
Yellow Warbler	<i>Dendroica petechia</i>	S5B					Probable	52		50	2
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B				√	Confirmed	2		2	

¹S-Ranks (provincial)

Provincial (or Subnational) ranks are used by the Natural Heritage Information Centre (NHIC) as follows:

- S1 Critically Imperiled - often 5 or fewer occurrences
- S2 Imperiled - often 20 or fewer
- S3 Vulnerable - often 80 or fewer
- S4 Apparently Secure - Uncommon but not rare
- S5 Secure - Common and widespread
- SE Exotic - Not a native component of Ontario's fauna.
- SZN Non-breeding migrants/vagrants.
- SZB Breeding migrants/vagrants.

²COSEWIC (Committee on the Status of Endangered Wildlife in Canada)

(federal status from COSEWIC 2011)

- END - Endangered
- THR - Threatened
- SC - Special Concern (formerly vulnerable)
- NAR - Not At Risk

³COSSARO (Committee on the Status of Species at Risk in Ontario)

(provincial status from MNR 2010)

- END - Endangered
- THR - Threatened
- SC - Special Concern (formerly vulnerable)
- NAR - Not At Risk

⁴Locally Significant (based on Cadman et al. 2007)

⁵Area Sensitive (as listed by MNR 2000)

Table G1.2 - Bird Studies Canada Bird List for UYSS EA Area

Common Name	Scientific Name	Status					Identified in Partners in Flight Ontario BCR 13 Landbird Conservation Plan	Area-sensitive (OMNR ^c)	Significant in Region 6 (south-central)	Significant in Region 7 (south)	York	
		Species at Risk (national) ^a COSEWIC	SARA (Species at Risk Act) status	Species at Risk (provincial) ^a COSSARO	Provincially Rare (NHIC breeding season SRANK) ^b						Level	Habitat
Alder Flycatcher	<i>Empidonax alnorum</i>									Level 3	Forest	
American Bittern	<i>Botaurus lentiginosus</i>						A			Level 1	Marsh	
American Black Duck	<i>Anas rubripes</i>									Level 2	Marsh	
American Coot	<i>Fulica americana</i>	NAR					A			Level 1	Marsh	
American Crow	<i>Corvus brachyrhynchos</i>											
American Goldfinch	<i>Cardeulis tristis</i>									Level 3	Open Country	
American Kestrel	<i>Falco sparverius</i>					√				Level 3	Open Country	
American Redstart	<i>Setophaga ruticilla</i>						A			Level 3	Forest	
American Robin	<i>Turdus migratorius</i>											
American Wigeon	<i>Anas americana</i>							Y		Level 3	Marsh	
American Woodcock	<i>Scolopax minor</i>									Level 4	Forest	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	NAR	NAR	SC	T	√	A					
Baltimore Oriole	<i>Icterus galbula</i>					√						
Bank Swallow	<i>Riparia riparia</i>					√				Level 2	Open Country	
Barn Swallow	<i>Hirundo rustica</i>									Level 3	Open Country	
Barred Owl	<i>Strix varia</i>						A		Y	Level 1	Forest	
Belted Kingfisher	<i>Ceryle alcyon</i>					√						
Black Tern	<i>Chlidonias niger</i>	NAR		SC	S3		A			Level 1	Marsh	
Black-and-white Warbler	<i>Mniotilta varia</i>						A			Level 3	Forest	
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>					√				Level 2	Forest	
Blackburnian Warbler	<i>Dendroica fusca</i>						A		Y	Level 2	Forest	
Black-capped Chickadee	<i>Poecile atricapillus</i>									Level 4	Forest	
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>						A			Level 3	Forest	
Black-throated Green Warbler	<i>Dendroica virens</i>						A			Level 2	Forest	
Blue Jay	<i>Cyanocitta cristata</i>											
Blue or Golden-winged Warbler												
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>						A					
Blue-headed Vireo	<i>Vireo solitarius</i>						A	Y	Y			
Blue-winged Teal	<i>Anas discors</i>									Level 2	Marsh	
Blue-winged Warbler	<i>Vermivora pinus</i>					√				Level 1	Forest	
Bobolink	<i>Dolichonyx oryzivorus</i>	THR	No status	THR		√	A			Level 2	Open Country	
Broad-winged Hawk	<i>Buteo platypterus</i>						A			Level 2	Forest	
Brown Creeper	<i>Certhia americana</i>						A			Level 2	Forest	
Brown Thrasher	<i>Toxostoma rufum</i>					√				Level 1	Open Country	
Brown-headed Cowbird	<i>Molothrus ater</i>											
Canada Goose	<i>Branta canadensis</i>											
Canada Warbler	<i>Wilsonia canadensis</i>	THR	THR	SC		√	A			Level 2	Forest	
Cedar Waxwing	<i>Bombycilla cedrorum</i>											
Cerulean Warbler	<i>Dendroica cerulea</i>	END	SC	THR	S3	√	A			Level 1	Forest	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>									Level 1	Forest	
Chimney Swift	<i>Chaetura pelagica</i>	THR	THR	THR		√						
Chipping Sparrow	<i>Spizella passerina</i>											
Clay-colored Sparrow	<i>Spizella pallida</i>								Y	Level 1	Open Country	

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Common Name	Scientific Name	Status					Identified in Partners in Flight Ontario BCR 13 Landbird Conservation Plan	Area-sensitive (OMNR ^c)	Significant in Region 6 (south-central)	Significant in Region 7 (south)	York	
		Species at Risk (national) ^a COSEWIC	SARA (Species at Risk Act) status	Species at Risk (provincial) ^a COSSARO	Provincially Rare (NHIC breeding season SRANK) ^b	Level					Habitat	
King Rail	<i>Rallus elegans</i>	END	END	END	S2		A			Level 1	Marsh	
Least Bittern	<i>Ixobrychus exilis</i>	THR	THR	THR	S3		A			Level 1	Marsh	
Least Flycatcher	<i>Empidonax minimus</i>						A					
Magnolia Warbler	<i>Dendroica magnolia</i>						A		Y	Level 1	Forest	
Mallard	<i>Anas platyrhynchos</i>											
Marsh Wren	<i>Cistothorus palustris</i>									Level 3	Marsh	
Merlin	<i>Falco columbarius</i>	NAR										
Mourning Dove	<i>Zenaida macroura</i>											
Mourning Warbler	<i>Oporornis philadelphia</i>									Level 2	Forest	
Nashville Warbler	<i>Vermivora ruficapilla</i>									Level 1	Forest	
Northern Cardinal	<i>Cardinalis cardinalis</i>											
Northern Flicker	<i>Colaptes auratus</i>					√						
Northern Harrier	<i>Circus cyaneus</i>	NAR				√	A					
Northern Mockingbird	<i>Mimus polyglottus</i>									Level 1	Open Country	
Northern Pintail	<i>Anas acuta</i>						A			Level 3	Marsh	
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>									Level 3	Open Country	
Northern Shoveler	<i>Anas clypeata</i>							Y				
Northern Waterthrush	<i>Seiurus noveboracensis</i>									Level 2	Forest	
Orchard Oriole	<i>Icterus spurius</i>									Level 4	Forest	
Osprey	<i>Pandion haliaetus</i>								Y	Level 3	Marsh	
Ovenbird	<i>Seiurus aurocapillus</i>						A			Level 4	Forest	
Pied-billed Grebe	<i>Podilymbus podiceps</i>									Level 1	Marsh	
Pileated Woodpecker	<i>Dryocopus pileatus</i>						A			Level 2	Forest	
Pine Siskin	<i>Cardeulis pinus</i>								Y			
Pine Warbler	<i>Dendroica pinus</i>						A			Level 3	Forest	
Purple Finch	<i>Carpodacus purpureus</i>									Level 2	Forest	
Purple Martin	<i>Progne subis</i>									Level 2	Marsh	
Red-breasted Nuthatch	<i>Sitta canadensis</i>						A			Level 3	Forest	
Red-eyed Vireo	<i>Vireo olivaceus</i>											
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	THR	THR	SC	S3	√				Level 1	Forest	
Red-shouldered Hawk	<i>Buteo lineatus</i>	NAR	SC		T	√	A			Level 1	Forest	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	NAR										
Red-winged Blackbird	<i>Agelaius phoeniceus</i>											
Ring-billed Gull	<i>Larus delawarensis</i>											
Ring-necked Duck	<i>Aythya collaris</i>							Y	Y	Level 3	Marsh	
Ring-necked Pheasant	<i>Phasianus colchicus</i>											
Rock Pigeon	<i>Columba livia</i>											
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>					√						
Ruby-crowned Kinglet	<i>Regulus calendula</i>							Y	Y	Level 4	Forest	
Ruby-throated Hummingbird	<i>Archilochus colubris</i>									Level 3	Forest	
Ruddy Duck												
Ruffed Grouse	<i>Bonasa umbellus</i>									Level 4	Forest	

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Sandhill Crane <i>tabida</i> ssp	<i>Grus canadensis tabida</i>	NAR					A	Y	Y			
Savannah Sparrow	<i>Passerculus sandwichensis</i>					√	A			Level 1	Open Country	
Scarlet Tanager	<i>Piranga olivacea</i>						A			Level 3	Forest	
Sedge Wren	<i>Cistothorus platensis</i>	NAR								Level 1	Marsh	
Sharp-shinned Hawk	<i>Accipiter striatus</i>	NAR					A			Level 2	Forest	
Song Sparrow	<i>Melospiza melodia</i>											
Sora	<i>Porzana carolina</i>									Level 1	Marsh	
Spotted Sandpiper	<i>Actitis macularia</i>									Level 3	Open Country	
Swamp Sparrow	<i>Melospiza georgiana</i>									Level 2	Marsh	
Tree Swallow	<i>Tachycineta bicolor</i>											
Trumpeter Swan	<i>Cygnus buccinator</i>	NAR			S2S3							
Turkey Vulture	<i>Cathartes aura</i>									Level 4	Forest	
Veery	<i>Catharus fuscescens</i>						A			Level 3	Forest	
Vesper Sparrow	<i>Poocetes gramineus</i>					√				Level 3	Open Country	
Virginia Rail	<i>Rallus limicola</i>									Level 1	Marsh	
Warbling Vireo	<i>Vireo gilvus</i>											
White-breasted Nuthatch	<i>Sitta carolinensis</i>						A					
White-throated Sparrow	<i>Zonotrichia albicollis</i>									Level 1	Forest	
Wild Turkey	<i>Meleagris gallopavo</i>											
Willow Flycatcher	<i>Empidonax traillii</i>					√						
Winter Wren	<i>Troglodytes troglodytes</i>						A			Level 3	Forest	
Wood Duck	<i>Aix sponsa</i>									Level 4	Forest	
Wood Thrush	<i>Hylocichla mustelina</i>					√				Level 4	Forest	
Yellow Warbler	<i>Dendroica petechia</i>											
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>						A			Level 2	Forest	
Yellow-rumped Warbler	<i>Dendroica coronata</i>								Y	Level 3	forest	
Yellow-throated Vireo	<i>Vireo flavifrons</i>						A					

KEY

^a National Species at Risk are those listed by COSEWIC = Committee on the Status of Endangered Wildlife in Canada

Provincial Species at Risk are those listed by COSSARO = Committee on the Status of Species at Risk in Ontario

END = Endangered, THR = Threatened, SC = Special Concern

^b SRANK (from Natural Heritage Information Centre) shown for breeding status if: S1 (Critically Imperiled, often < 5 occurrences), S2 (Imperiled, often <20 occurrences), S3 (Vulnerable, often 80 or fewer), S3S4 (uncertain between S3 and S4), or T (tracked species) that are S4 or S5; SRANK not shown if: S4 (apparently secure, uncommon), S5 (secure, common).

Area-sensitive sources:

^c Ontario Ministry of Natural Resources (OMNR). 2000. Significant Wildlife Habitat Technical Guide (Appendix G). 151 p plus appendices.

^d Ontario Ministry of Natural Resources (OMNR). 1993 (Revised 1994, 2002 draft). Ontario Wetland Evaluation System, Southern Manual. 3rd Edition. NEST Technical Manual TM-002. 173 pp.

Priority species identified in the Partners In Flight Draft Ontario Bird Conservation Region 13 Landbird Conservation Plan. Available at: <http://www.bsc-eoc.org/PIF/PIFOntario.html>